

### ABSTRACT

Solid freeform fabrication (SFF) systems for producing a three-dimensional object and methods of producing three-dimensional objects are disclosed. The SFF system includes a dispensing system and a curing system. The dispensing system is adapted to dispense a radiation initiator and a build material. The radiation initiator and the build material are stored separately in the dispensing system and are dispensed separately. The curing system cures the radiation initiator and the build material after each has been dispensed.